

What is claimed is:

1. An electronic mail client comprising:
means for transmitting an electronic mail via a mail server; and
means for storing a plurality of mail servers and a priority order
of the mail servers;

wherein a mail server is selected in accordance with the priority
order stored in the means for storing and an electronic mail is transmitted
via the selected mail server, and when failing in the transmission of the
electronic mail via the selected mail server, the electronic mail is
retransmitted via a mail server of next order.

2. The electronic mail client according to claim 1, wherein when
failing in the transmission of the electronic mail, a processing to be
executed subsequently is determined in accordance with contents of the
failure.

3. The electronic mail client according to claim 2, wherein when
failing in the transmission of the electronic mail, it is determined whether
to select a mail server of next in order, to establish a connection again
with the mail server that was selected at the time of the failure in the
transmission of the electronic mail, or to cancel the transmission, in
accordance with the contents of the failure.

4. The electronic mail client according to claim 3, wherein when failing in a connection with the mail server, the mail server of the next in order is selected.

5. The electronic mail client according to claim 4, wherein when failing in the connection with the mail server, the mail server of the next in order is selected immediately without waiting for an elapse of waiting time.

6. The electronic mail client according to claim 3, wherein when the connection with the mail server is established but a temporary error generated during a communication, the connection is established again with the mail server that was selected at the time of the failure in the transmission of the electronic mail.

7. The electronic mail client according to claim 3, wherein when failing in the transmission of the electronic mail due to incorrect destination, the transmission is cancelled.

8. The electronic mail client according to claim 7, wherein when failing in the transmission of the electronic mail due to the incorrect destination, a message indicating such a fact is output, and the transmission is cancelled.

9. The electronic mail client according to claim 1, comprising:

means for storing whether or not to select a mail server of next in order for each transmitter or for each destination.

10. The electronic mail client according to claim 9, wherein a bypass permission table which stores whether or not to select a mail server of next in order for each transmitter or for each destination, can be formed and rewritten.

11. The electronic mail client according to claim 1, wherein there is a limit on whether or not to select a mail server of next in order according to a level of authority of a transmitter.

12. The electronic mail client according to claim 1, wherein a transmitter can determine whether or not to select the mail server of next in order for each transmission of an electronic mail.

13. The electronic mail client according to claim 1, wherein a mail server list which stores the plurality of mail servers and the priority order of the plurality of mail servers is formed rewritable.

14. The electronic mail client according to claim 1, comprising:
means for forming a transmission log;

wherein "transmission date and time", "destination", "mail server that was used", and "transmission result" are written in the transmission log.

15. The electronic mail client according to claim 14, wherein the transmission log is formed for each Transmission Control Protocol (TCP) connection.

16. The electronic mail client according to claim 14, wherein the transmission log is formed for each Simple Mail Transfer Protocol (SMTP) transmission.

17. An electronic mail client comprising:
means for transmitting an electronic mail via a mail server; and
means for storing a plurality of mail servers and a priority order of the mail servers;

wherein a mail server is selected in accordance with the priority order stored in the means for storing and an electronic mail is transmitted via the selected mail server, and when failing in the transmission of the electronic mail via the selected mail server, a processing to be executed subsequently is determined in accordance with contents of the failure.

18. The electronic mail client according to claim 17, wherein when failing in the transmission of the electronic mail, it is determined whether to select a mail server of next in order, to establish a connection again with the mail server that was selected at the time of the failure in the transmission of the electronic mail, or to cancel the transmission, in accordance with contents of the failure.

19. A recording medium which records a program for an electronic mail client which transmits an electronic mail via a mail server, the program comprising:

command for storing a plurality of mail servers and a priority order of the mail servers;

command for selecting a mail server in accordance with the stored priority order; and

command for selecting a mail server of next in order when failing in the transmission of the electronic mail via the selected mail server;

wherein the electronic mail can be transmitted via the selected mail server.

20. A recording medium which records a program for an electronic mail client which transmits an electronic mail via a mail server, the program comprising:

command for storing a plurality of mail servers and a priority order of the mail servers;

command for selecting a mail server in accordance with the stored priority order; and

command for determining a processing to be executed subsequently in accordance with contents of a failure when failing in the transmission of the electronic mail via the selected mail server.